COATING DEVICE

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Inventor:

FUJIMOTO AKIHIRO; SAKAMOTO KAZUO; ISHIZAKA

NOBUKAZU; HASEGAWA IZUMI

Applicant:

TOKYO ELECTRON LTD

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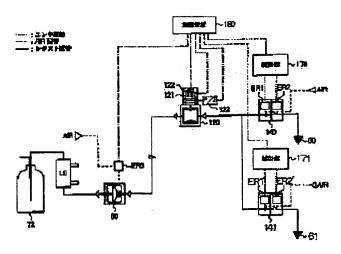
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Abstract of JP11204416

PROBLEM TO BE SOLVED: To provide a coating device wherein the delay time till a valve operates is shortened and a discharge pump and the valve are operated at optimum timings. SOLUTION: Electro-pneumatic regulators ER1 and ER2 which is small and fast in response speed are used as a speed controller for controlling opening/ closing speed of an on-off valve AV and a suck back valve SV for shorter entire flow-channel, this a delay time till a valve operates is shortened. The pressure of resist liquid discharged from a discharge pump 120 is detected by a pressure sensor 123 and operation of the discharge pump 120, the on-off valve AV, and the suck back valve SY is controlled through a control device 180, so that they are operated at optimum timing for preventing generation of particles due to dropping of resist liquid from the tip end of a resist nozzle 60.



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